

AIR PERMIT/EXEMPTION

AIR # DBD3785 047455

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VOL# 001

INCLUSIVE DATES: 2001

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☒ Roll Microfilm

Robert J. Huston, *Chairman*
R. B. "Ralph" Marquez, *Commissioner*
John M. Baker, *Commissioner*
Jeffrey A. Saitas, *Executive Director*



TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution

April 30, 2001

Mr. Caesar Hage
Plant Manager
GAF Materials Corporation
P.O. Box 655607
Dallas, Texas 75265-5607

Re: Standard Permit No. 47455
Dallas, Dallas County
Account ID No. DB-0378-S

Dear Mr. Hage:

This is in response to your Standard Permit Registration, Form PI-1S, concerning the proposed project. We understand that the proposed project involves installation of a stabilizer storage baghouse under the Pollution Control Project Standard Permit. In addition, we realize that this facility is covered by existing Air Quality Permit No. 7711A, and the controlled emissions from this baghouse will be 1.26 tons per year.

After evaluation of the information which you have furnished, we have determined that your proposed project meets the requirements for a standard permit if constructed and operated as described in your registration. This standard permit was authorized by the Commissioners pursuant to 30 Texas Administrative Code Section 116.617. A copy of the standard permit rule in effect at the time of this registration is enclosed. You must operate in accordance with all requirements of the enclosed standard permit rule.

You are reminded that these facilities must be in compliance with all rules and regulations of the Texas Natural Resource Conservation Commission and of the U.S. Environmental Protection Agency at all times. Also, be advised that §116.615(3) requires that "all changes authorized by standard permit to a facility permitted pursuant to §116.110....shall be administratively incorporated into that facility's permit at such time as the permit is amended or renewed."

Mr. Caesar Hage

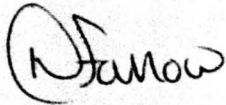
Page 2

April 30, 2001

Re: Standard Permit No. 47455

Your cooperation in this matter is appreciated. If you have any questions, please call Mr. Wesley Smith at (512) 239-6143 or write to him at Texas Natural Resource Conservation Commission, Office of Permitting, Remediation, and Registration, Air Permits Division (MC-162), P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,



for Jeffrey A. Saitas, P.E.
Executive Director
Texas Natural Resource Conservation Commission

JS/WS/ss

Enclosures

cc: Mr. David Miller, Section Manager, Air Pollution Control Program, City of Dallas
Environmental and Health Services, Dallas

bcc: Mr. Tony L. Walker, Air Program Manager, Region 4 - Arlington

**STANDARD PERMIT
TECHNICAL REVIEW**

Standard Permit Type: 617
Record No: 79487
Company: GAF Materials Corporation
Contact Name: Caesar Hage Phone: 214-637-8919
Project Type : CRVW City: Dallas
Facility Name: Stabilizer Storage Baghouse B
Engineer: Wesley Smith

Account No: DB-0378-S
Project/Permit No: 47455
Fax: 214-637-5202
County: Dallas

NOTIFICATION: Copy of PI1-S sent to:

REGION: 4

LOCAL-CITY: Dallas

COUNTY: Dallas

REVIEW SUMMARY:

Compliance with all § 116.610 & 116.617 requirements?: Yes

PI-8 Submitted? No

FEE

Franchise tax current? Yes

Fee paid? Yes

MIKIE, FILE & PSDB ENTRIES:

MIKIE: Yes

Copy of cover letter and tech review made for the appropriate permit files?

Yes

PSDB: Yes

Permit No.(s) 7711A

PROJECT OVERVIEW: GAF Materials proposes to add a baghouse to control particulate emissions from the stabilizer storage area.

Total controlled emissions from all sources affected by this standard permit are estimated as follows:

<u>Source</u>	<u>Pollutant</u>	<u>lb/hr</u>	<u>TPY</u>
Stabilizer Storage area	Particulate	0.43	1.9

Wesley Smith
Permit Specialist

4-12-01
Date

R. D. Hyde
Section Chief/Backup Engineer

4/16/01
Date

TEXAS AIR CONTROL BOARD
PERMIT APPLICATION SUMMARY

DATE: 04-26-01

PAGE:

1

TIME: 18:42:47

***GENERAL PERMIT INFORMATION

PERMIT: 47455 ENGR: SMITH, JAMES W. /

GROUP: MECH ID:DB03

78S

ISSUED TO: GAF MATERIALS CORPORATION
UNIT NAME: STABILIZER STORAGE BAGHOUSE B
OPERATING SCHEDULE: 24.0 HRS/DAY 7 DAYS/WK 52 WKS/YR
LAT: 32-32-42 LONG: 096-31-00 REGION: 4 COUNTY: DALLAS
NEAR CITY: DALLAS LOC: 2600 SINGLETON BLVD

***PERMIT/SITE CONTACT INFORMATION:

PERSON: RANDY FORD

ADDR1: PO BOX 655607

TITLE: ENGINEER

ADDR2:

CITY: DALLAS

STATE: TX

ZIP: 75265 PHONE: (214)637-1060

** CONSTRUCTION **

TYPE APPL(C,S,X): (C)
APPL RECD : 03-28-01
DEFIC LTR SNT :
SUPP INFO REQ :
SUPP INFO RECD :
APPL CMPLT :
COMP LTR SNT :
PUB NTC SNT :
PUB NTC PUB :
PUB HEAR (R,H) : ()
CNST TYPE(C,X,S): ()
DISP () :
CNST START DATE :

** OPERATING **

OPERATION START :
OPER APPL RECD :
OPER APPL CMPLT :
DISP(I,D): ()
OPR TYPE(R,S) : ()

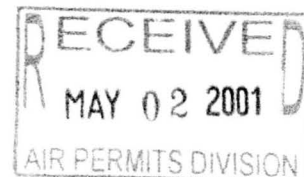
* I= ISSUED D=DENIED *
* E=EXPIRED *
* C=CNST S=SPECIAL *
* X=EXEMPT R=OPER *

** CONTINUANCE **

NOTICE MAILED :
APPL RECD :
DEFIC LTR SNT :
SUPP INFO REQ :
SUPP INFO RECD :
APPL CMPLT :
COMP LTR SNT :
PUB NTC SNT :
PUB NTC PUB :
PUB HEAR (R,H) : ()
DISP(I,D,E):() :

***EMISSIONS CHANGED :

***REMARKS:PAM



***OTHER PERMIT DATES:

D

APP/PERMIT VOIDED:

REASON:

VOID/HOLD CODES:

PD-PLT DISMANTLE

APP ON HOLD UNTIL:

REASON:

CR-COMPANY REQUEST

TI-TIME EXPIRED

DD-DATA DELAY

TD-TECH DIFFICUL

TY

CONST STOPPED UNTIL:

RE-REISSUED

NR-NO RESPONSE

***PERMIT TYPES/STANDARDS:

NEW MAJ SOURCE:> 100 TPY:

SIC: 2952

MAJOR MODIFICATION:

PORTABLE:

RELATED PERMITS: SUFFIX REAS

ON

NON-ATTAIN REVIEW:

NSPS:

TACB:

CHG LOC:

INSIGNIFICANT EMISSIONS:

NESHAP:

PSD-TX:

CHG OWN:

FUEL CONVERSION:

TOXIC MATERIALS:

STD EX NO.:

***AIR CONTAMINANT INFORMATION:

NAME

CODE

MAX ALLOWABLE RATE

LBS/HR

TONS/YR

ACTUAL

TONS/YR

***ABATEMENT EQUIPMENT:

TNRCC, NSRP IMS

Date: 04/12/2001

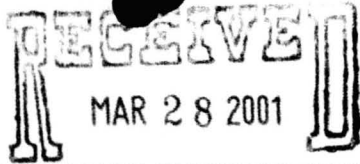
PSDB Permit Summary Report (Page 1)

Record: ~~10484~~ **79487** Permit: ~~7711A~~ Engr: ~~BAH2~~ / JWS1 Group: MECH
 Company: GAF MATERIALS CORPORATION Account Id: DB0378S
 Unit Name: ASPHALT ROOFING MANUFACTURING FAC. Near City: DALLAS
 Lat: 324644 Long: 965151 Region: 4 County: DALLAS

Activity Items	Construction	Operating	Amendment	Continuance
Type Application:	C		No: 0	
Date Received:	3/28/01			
Type Approved:	C			
Date Disp, Code:	4/30/01		110	

App/Permit Voided:	Reason:	App on hold until:	Reason:
New Maj Source > 100 TPY:	SIC: 2952	Major Mod:	Portable: NAR:
NSPS:	NESHAP: Insig. Emis.:	Fuel Conv:	Chg. Loc: Chg. Own: X
Toxic MTLS:	Related Permits - TACB:	PSD Number:	Std. Ex: 000

REMARKS: Permit. # ~~47455~~
~~Status: Related to~~ Standard Permit Pollution Control. ~~Related to Permit 7711A~~
 associated with ~~this~~ permit. # 7711A.



ITEM VII. GENERAL REQUIREMENTS

PAR SECTION

This section provides a summary demonstration that Stabilizer Storage Baghouse B (hereafter "project") at the Dallas Facility of GAF will meet all requirements of TNRCC (30 TAC Chapter 116.610 and 30 TAC 116.617).

§116.610. APPLICABILITY (ADOPTED DECEMBER 16, 1999 EFFECTIVE JANUARY 11, 2000)

- (a) Under the TCAA, §382.051, a project which meets the requirements for a standard permit listed in this subchapter or issued by the commission is hereby entitled to the standard permit, provided the following conditions listed in this section are met. For the purposes of this subchapter, project means the construction or modification of a facility or a group of facilities submitted under the same registration:

- (1) any project which results in a net increase in emissions of air contaminants from the project other than carbon dioxide, water, nitrogen, methane, ethane, hydrogen, oxygen, or those for which a National Ambient Air Quality Standard has been established must meet the emission limitations of §106.261(3) or (4) or §106.262(3) of this title (relating to Facilities (Emission Limitations), and Facilities (Emission and Distance Limitations)), unless otherwise specified by a particular standard permit.

This project will not result in a net increase of emissions of air contaminants other than carbon dioxide, water, nitrogen, methane, ethane, hydrogen, oxygen, or those for which a National Ambient Air Quality Standard has been established. In addition, according to §116.617(1), the emissions limitations of §106.261(3) or (4) and §106.262(3) of this title do not apply to this standard permit.

- (2) construction or operation of the project must be commenced prior to the effective date of a revision to this subchapter under which the project would no longer meet the requirements for a standard permit.

Operation will be commenced prior to the effective date of a revision to this subchapter so that the requirements for the standard permit are met.

- (3) the proposed project must comply with the applicable provisions of the FCAA, §111 (concerning New Source Performance Standards) as listed under Title 40 Code of Federal Regulations (CFR) Part 60, promulgated by the EPA.

The stabilizer storage silos are affected facilities under 40 CFR Part 60, Subpart UU (Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture). As an emission point associated with the stabilizer storage silos, the

Stabilizer Storage Baghouse B (EPN 26B) will comply with the requirements of 40 CFR Part 60, Subpart UU.

- (4) the proposed project must comply with the applicable provisions of FCAA, §112 (concerning Hazardous Air Pollutants) as listed under 40 CFR 61, promulgated by the EPA.

There is no applicable National Emission Standards for Hazardous Air Pollutants (NESHAP) for this source category.

- (5) the proposed project must comply with the applicable maximum achievable control technology standards as listed under 40 CFR Part 63, promulgated by the EPA under FCAA, §112 or as listed under Chapter 113, Subchapter C of this title (relating to National Emissions Standards for Hazardous Air Pollutants for Source Categories (FCAA §112, 40 CFR 63)).

An applicable Maximum Achievable Control Technology (MACT) Standard has not been promulgated for this source category.

- (b) Any project, except those authorized under §116.617 of this title (relating to Standard Permits for Pollution Control Projects), which constitutes a new major source, or major modification under the new source review requirements of the FCAA, Part C (Prevention of Significant Deterioration Review) or Part D (Nonattainment Review) and regulations promulgated thereunder is subject to the requirements of §116.110 of this title (relating to Applicability) rather than this subchapter.

This project is authorized by §116.617. In addition, this project is not subject to Prevention of Significant Deterioration (PSD) Review or Nonattainment Review since the associated emissions increases are below major source thresholds and nonattainment new source review thresholds. Therefore, the project is not subject to the requirements of §116.110.

- (c) Persons may not circumvent by artificial limitations the requirements of §116.110 of this title.

This project is not subject to PSD Review or Nonattainment Review; therefore, the project is not subject to the requirements of §116.110. Furthermore, artificial limitations have not been used to circumvent the requirements of §116.110.

- (d) Any project involving a proposed affected source (as defined in §116.15(1) of this title (relating to Section 112(g) Definitions)) shall comply with all applicable requirements under Subchapter C of this chapter (relating to Hazardous Air Pollutants: Regulations Governing Constructed or Reconstructed Major Sources (FCAA, §112(g), 40 CFR Part 63)). Affected sources subject to Subchapter C of this chapter may use a standard permit under this

subchapter only if the terms and conditions of the specific standard permit meet the requirements of Subchapter C of this chapter.

Subchapter C of 30 TAC 116 is not applicable to this project since there is no applicable MACT standard for the source category.

**§116.617. STANDARD PERMITS FOR POLLUTION CONTROL PROJECTS
(ADOPTED JUNE 17, 1998 EFFECTIVE JULY 8, 1998)**

This standard permit applies to the installation of emissions control equipment or implementation of control techniques as required by any governmental standard, or undertaken voluntarily, or to replace existing emission control equipment or control techniques. This standard permit also authorizes the substitution of compounds used in manufacturing processes for the purpose of complying with governmental standards or to reduce emission effects.

- (1) The emissions limitations of §106.261(3) or (4) and §106.262(3) of this title (relating to Facilities (Emission Limitations), and Facilities (Emission and Distance Limitations)), referenced in §116.610(a)(1) of this title (relating to Applicability) do not apply to this standard permit. This standard permit cannot be used if the registrant receives notification that in the opinion of the executive director there are significant health effects concerns resulting from an increase in emissions of any air contaminant other than those for which a National Ambient Air Quality Standard has been established, until those concerns are addressed by the registrant to the satisfaction of the executive director.

It is anticipated that this project will have no significant health effects concerns resulting from an increase in emissions of any air contaminant other than those for which a National Ambient Air Quality Standard has been established.

- (2) The time period of 45 days in §116.611(b) of this title (relating to Registration Requirements) is modified to 30 days.

GAF understands that the time period (relating to Registration Regulations) for pollution control projects is 30 days.

- (3) Sections §116.615(4) and (5) of this title (relating to General Conditions) are not applicable to this standard permit.

GAF understands §116.615(4) and (5) are not applicable to this standard permit.

- (4) Replacement projects are subject to the following:
 - (A) The replacement emissions control equipment or control technique must be at least as effective an air pollution control method as the emissions control equipment or

control technique being replaced. Equipment installed under this section is subject to all applicable testing and recordkeeping requirements.

- (B) The replacement of emissions control equipment or control technique under this section is not limited to the method of control currently in place. Any type of control equipment or control technique may be replaced with any other type of control equipment or control technique as long as all other requirements of this standard permit are met.
- (C) If the replacement project does not result in an increase in emissions of any air contaminant, the owner or operator of the facility shall submit registration notice not later than 30 days after the operation of the replacement project begins. If the replacement project will result in an increase of any air contaminant, the registration time period requirements of paragraph (2) of this section are applicable.

This project does not qualify as a replacement project. Thus, the requirements of §116.617(4) do not apply to this project.

- (5) Installation of the control equipment or implementation of the control technique must not result in an increase in the facility's production capacity unless the capacity increase occurs solely as a result of the installation of control equipment or the implementation of control techniques on existing units. This paragraph is not intended to limit the owner or operator's ability to recover lost capacity caused by a derate resulting from the installation of control equipment or the implementation of a control technique.
 - (A) The owner or operator shall obtain or qualify for any necessary authorization under §116.110 of this title (relating to Applicability) or §116.116 of this title (relating to Changes to Facilities) prior to utilizing any production capacity increase from a pollution control project required by any governmental standard that:
 - (i) results in the exceedance of any emission limit in an existing permit, other authorization, or grandfathered baseline; or
 - (ii) results in an emissions increase which exceeds the emission reduction due to the installation of control equipment or implementation of control techniques.

Installation of Stabilizer Storage Baghouse B (EPN 26B) will not result in a facility production capacity increase; therefore, this requirement is not applicable.

- (B) Any production capacity increase resulting from the voluntary installation of controls or the implementation of control techniques may not be utilized until the owner or

operator obtains or qualifies for any necessary authorization under §116.110 or §116.116 of this title.

Installation of Stabilizer Storage Baghouse B (EPN 26B) will not result in a facility production capacity increase; therefore, this requirement is not applicable.

- (6) Any emission increase of an air contaminant must occur solely as a result of the installation of control equipment or implementation of a control technique authorized by this section. Emissions increases associated with recovering a derate resulting from the installation of control equipment or the implementation of a control technique are not prohibited by this paragraph.

The emission increase associated with this project occurs solely as a result of the installation of control equipment authorized by this section.

- (7) Installation of emission control equipment or implementation of a control technique may not include the installation of a new production facility, reconstruction of a production facility as defined in 40 Code of Federal Regulations (CFR) §60.15(b)(1) and (c), or complete replacement of an existing production facility.

GAF understands this project is limited to construction of the control device and does not include installation of a new production facility, reconstruction of a production facility or replacement of an existing production facility.

- (8) If the project, without consideration of any other increases or decreases not related to the project, will result in a significant net increase in emissions of any criteria pollutant, a person claiming this standard permit shall submit, with the registration, information sufficient to demonstrate that the increase will meet the conditions of subparagraph (A) of this paragraph.

(A) The net emissions increase may not:

- (i) considering the emission reductions that will result from the project, cause or contribute to a violation of any national ambient air quality standard;
- (ii) cause or contribute to a violation of any Prevention of Significant Deterioration (PSD) increment; or
- (iii) cause or contribute to a violation of any PSD visibility limitation.

(B) For purposes of this section, "significant net increase" means those emissions increases resulting solely from the installation of control equipment or implementation of control techniques that are equal to or greater than:

- (i) the major modification threshold listed in §116.12 of this title (relating to Nonattainment Review Definitions), Table I, for pollutants for which the area is designated as nonattainment, or for precursors to these pollutants; or
 - (ii) significant as defined in Title 40 CFR §52.21(b)(23) (effective July 20, 1993) for pollutants for which the area is designated attainment or unclassifiable, or for precursors to these pollutants.
- (C) Netting is not required when determining whether this demonstration must be made for the proposed project. The increases and decreases in emissions resulting from the project must be included in any future netting calculation if they are determined to be otherwise creditable under PSD and nonattainment new source review provisions of the FCAA, Parts C and D and regulations promulgated thereunder.

This project will not result in a significant net emissions increase of any criteria pollutant; therefore, this requirement is not applicable.

- (9) For purposes of compliance with the PSD and nonattainment new source review provisions of the FCAA, Parts C and D and regulations promulgated thereunder, any increase that is less than significant, or satisfies the requirements of paragraph (8) of this section does not constitute a physical change or a change in the method of operation. For purposes of compliance with the Standards of Performance for New Stationary Sources regulations promulgated by the EPA at 40 CFR §60.14 (effective December 16, 1975), an increase that satisfies the requirements of paragraph (8) of this section also satisfies the requirements of 40 CFR §60.14(e)(5).

GAF understands that this project does not constitute a physical change or change in method of operation for the purposes of compliance with PSD and nonattainment new source review provisions of the FCAA, Parts C and D and regulations promulgated thereunder. GAF understands that the requirements of 40 CFR §60.14(e)(5) are satisfied when the requirements of §116.617(8) are satisfied by an emissions increase.

PROPHECY DEBTORS
BATCH EDIT REPORT

TX Natural Resource Consvr Com
RECEIPT REPORT

PRINTED ON 03APR01 11:06AM PAGE 2
AS AT APR03,01
FOR CURRENT PERIOD 21/8

<u>FEE TYPE ACCT NUMBER</u>	<u>ACCOUNT NAME</u>	<u>REMITTER</u>	<u>RECEIPT NUMBER</u>	<u>ID NUMBER</u>	<u>CHECK NUMBER</u>	<u>TRANSACTION AMOUNT</u>
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FEE TYPE: APF

BATCH # DATE
38221 APR03,01 D1201622

APF APR02,01 APF 0	NEW/GAF MATERIALS CORP/DALLAS/BAGHOUSE B	GAF MATERIALS CORPORATION	E123110	DB0378S	0	15320937
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TOTAL RECEIPT N: E123110

450.00-

450.00-

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APF APR02,01 APF 0	STANDARD/CEDAR BAYOU UNIT 2	RELIANT ENERGY WHOLESALE SERVI	E123111	0	0	1001000
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TOTAL RECEIPT N: E123111

450.00-

450.00-

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900.00-

900.00-

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TOTAL BATCH NUM: 38221

TOTAL FEE TYPE: APF



TEXAS COMPTROLLER OF PUBLIC ACCOUNTS
CAROLE KEETON RYLANDER • COMPTROLLER • AUSTIN, TEXAS 78774

February 9, 2001

CERTIFICATE OF ACCOUNT STATUS

THE STATE OF TEXAS
COUNTY OF TRAVIS

I, Carole Keeton Rylander, Comptroller of Public Accounts of the State of Texas
DO HEREBY CERTIFY that according to the records of this office

BUILDING MATERIALS CORPORATION OF AMERICA

is, as of this date, in good standing with this office having no franchise
tax reports or payments due at this time. This certificate is valid through
the date that the next franchise tax report will be due May 15, 2001.

This certificate is valid for the purpose of conversion when the converted
entity is subject to franchise tax as required by law. This certificate is
not valid for the purpose of dissolution, merger or withdrawal.

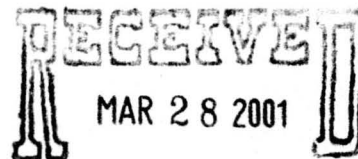
GIVEN UNDER MY HAND AND
SEAL OF OFFICE in the City of
Austin, this 9th day of
February, 2001 A.D.

A handwritten signature in cursive script that reads "Carole Keeton Rylander".

CAROLE KEETON RYLANDER
Comptroller of Public Accounts

Taxpayer number: 12232762901
File number: 0009891206

Form 05-304 (Rev. 5-99/4)



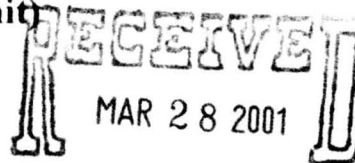
PAR SECTION



TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
STANDARD PERMIT REGISTRATION
(Air Quality Standard Permit)

FORM
PI-1S

FORM PI-1-S



Please print or type all information. Please contact the Air Permits Division with applications at (512) 239-1250, Fax: (512) 239-1300. Written inquiries may be addressed to the: Texas Natural Resource Conservation Commission (TNRCC), Office of Permitting, Remediation, and Registration, Air Permits Division, MC-162, P.O. Box 13087, Austin, TX 78711-3087. The registrant is encouraged to use an administrative completeness checklist, available on request, to assist in providing the required information.

Forward application only to TNRCC, Office of Permitting, Remediation, and Registration, Air Permits Division, MC-162, P.O. Box 13087, Austin, Texas 78711-3087; Forward fees only to TNRCC, Financial Administration Division, MC-214 P.O. Box 13088, Austin, Texas 78711-3088.

☆☆☆ VERY IMPORTANT! ☆☆☆

- I. A. Is **CONFIDENTIAL** information part of this registration? ☐ YES ☒ NO
If "YES", is each "confidential" page marked in big red letters? ☐ YES ☐ NO
- B. Is this registration in response, or related in any way, to a Notice of Violation at this location? ☐ YES ☒ NO
If "YES", date of Notice of Violation: _____ and the specific TNRCC rule(s) violated: _____
- C. Are the new facilities or changes to existing facilities represented in this registration required to be permitted as a disposal facility under the Texas Solid Waste Disposal Act? ☐ YES ☒ NO
- D. Does the company (including subsidiaries and parent companies) employ 100 or fewer persons? ☐ YES ☒ NO
- If using Title 30 Texas Administrative Code § 116.620 (30 TAC § 116.620) or 30 TAC § 116.621 does this action result in the permitting of any grandfathered facilities? ☐ YES ☐ NO ☒ NA

II. REGISTRANT INFORMATION

A. Permittee: **GAF Materials Corporation**

[Entity Legally Responsible for Permit, i.e., Owner or Operator of the Facility]

Permittee's Texas State Comptroller's Tax ID No.: **12232762901**

Permittee's Address (Person, Title, Address): **Caesar Hage, Plant Manager, P.O. Box 655607**
Dallas, TX 75265-5607

Telephone: **(214) 637 - 8919** Fax: **(214) 637 - 5202**

Permittee's Technical Contact (Person, Title, Address): **Caesar Hage, Plant Manager, P.O. Box 655607**
Dallas, TX 75265-5607

Telephone: **(214) 637 - 8919** Fax: **(214) 637 - 5202**

B. Owner of Facility: **Building Materials Corporation of America**

[If Different from Applicant; Include Names of Proprietor/General Partner(s), If Applicable]

Owner's Texas State Comptroller's Tax ID No.: **12232762901**

Owner's Address (Person, Title, Address): **Fred Bright, Director of Environmental Engineering, 1361 Alps Road**
Wayne, NJ 07470

C. Principal Company Product or Business: **Asphalt and Roofing Materials Manufacturing Facility**
Plant Standard Industrial Classification Code: **2952**

III. PROJECT CLASSIFICATION (CHECK ALL APPLICABLE BLOCKS):

- A. ☒ Title 30 TAC § 116.617 - Standard Permit List
B. ☐ Title 30 TAC § 116.620 - Installation/Modification of Oil and Gas Facilities
C. ☐ Title 30 TAC § 116.621 - Municipal Solid Waste Landfills
D. ☒ List Permit Numbers for All Existing Related and/or Affected Air Quality Permits:

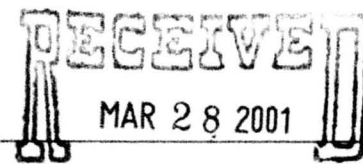
TNRCC Permit No. R-7711A

IV. FACILITY PHYSICAL LOCATION

- A. Name of Plant or Site: Dallas Plant
B. Street Address: 2600 Singleton Boulevard
C. Nearest City: Dallas County: Dallas Site Zip Code: 75212
D. Plant Site TNRCC Air Quality Account Number: DB - 0378 - S

V. FACILITY TYPE AND OPERATING SCHEDULE

- A. Name of Facility to be Permitted: GAF Materials Corporation
B. Facility Type (Check One): ☒ Permanent ☐ Portable
C. Facility Operating Schedule: (24) Hours/Day; (7) Days/Week; (52) Weeks/Year
() Seasonal - Explain: _____



PAR SECTION

VI. SUBMIT THE FOLLOWING GENERAL INFORMATION:

- A. Submit a current area map containing a true north arrow, the entire plant property, and the location of the property relative to prominent geographical features, such as highways, roads, streams, and/or significant landmarks such as buildings, residences, and schools. All areas within one mile of any plant boundary must appear on this map.
B. Submit a plot plan of the plant property which clearly shows all property lines, affected emission points, buildings, tanks, process vessels, and/or other process equipment. The plot plan must be, scaled, indicate a true north arrow, reference a plant bench mark (located by latitude/longitude or Universal Transverse Mercator coordinates), and be dated.
C. Submit a process description and process flow diagram.
D. Submit a Table 1(a), the basis of emissions estimates (including fugitive emissions), quantification of all emission increases and decreases associated with the project being registered, information that describes efforts to be taken to minimize any collateral emissions increases that will result from the project, a description of the project and related processes, and a description of any equipment being installed.

☆☆☆☆ **VERY IMPORTANT!** ☆☆☆

- E. **Franchise Tax:** Submit a copy of a Certificate of Good Standing from the State Comptroller's Office with each registration if the permittee is a corporation.
F. **Permit Fee:** A permit fee is required by 30 TAC § 116.614. Please forward the fee only to TNRCC, Financial Administration Division, MC-214, P.O. Box 13088, Austin, TX 78711-3088.

VII. GENERAL REQUIREMENTS

Submit itemized information and/or analysis demonstrating that all applicable general requirements as specified in 30 TAC §§ 116.610, 116.617, 116.620, and 116.621 are met. **Each paragraph of the applicable sections must be addressed in this registration.** Atmospheric dispersion modeling may be required as part of the air quality impact analysis.

VIII. A COPY OF THIS REGISTRATION and all attachments must be sent by the registrant to (A) the Air Program of the appropriate TNRCC Regional Office, and (B) to any local air pollution control program having jurisdiction. Copies of the registration were sent to:

TNRCC Regional Office sent to (city): Arlington

Copies sent to these local programs: ☐ NA

1. City of Dallas

2. _____

IX. PROFESSIONAL ENGINEER (P.E.) SEAL

Is the estimated capital cost of the project for which application is made greater than two million dollars?

☐ YES ☒ NO

If "YES", the application must be submitted under seal of a Texas registered P.E., unless exemption is claimed pursuant to the Texas Engineering Practice Act (TEPA) in accordance with 30 TAC § 116.110(e).

☐ Exemption is claimed pursuant to Section _____ of the TEPA.

X. 1. Caesar Hage, Plant Manager

[Name - Please Print or Type] [Title: Owner, Plant Manager, President, Environmental Director, Etc.]

state that I have knowledge of the facts herein set forth and that the same are true and correct to the best of my knowledge and belief. I further state that to the best of my knowledge and belief, the project for which registration is made will not in any way violate any provision of the Texas Health & Safety Code (THSC), Chapter 382, Texas Clean Air Act (TCAA), as amended, or any of the rules and regulations of the Texas Natural Resource Conservation Commission adopted under THSC, Chapter 382 or any local governmental ordinance or resolution pursuant to the TCAA. I further state that I have read and understand THSC Section 382.091, which defines CRIMINAL OFFENSES for certain violations, including intentionally or knowingly, making or causing to be made, false material statements or representations in this registration, and THSC Section 382.092, pertaining to CRIMINAL PENALTIES.

DATE: 03/23/01 SIGNATURE: _____

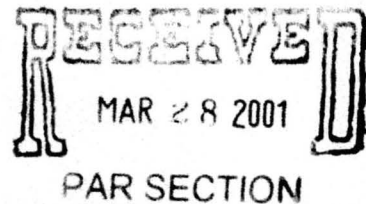
NOTE - ORIGINAL SIGNATURE IN INK IS REQUIRED.

RECEIVED
MAR 28 2001
PAR SECTION



March 27, 2001

Mr. Earl Jones
Texas Natural Resource Conservation Commission (TNRCC)
New Source Review Division
MC-162
12100 Park 35 Circle
Austin, TX 78753



RE: *Standard Permit Registration*
GAF Materials Corporation -- Dallas, Texas
TNRCC Account Number DB-0378-S

Dear Mr. Jones:

Please find enclosed a standard permit registration for GAF Materials Corporation – Dallas facility. This registration is being submitted to authorize Stabilizer Storage Baghouse B (26B). A check payable to the TNRCC in the amount of \$450.00 is being sent directly to the TNRCC Cashier.

If there are any questions regarding this standard permit registration, please do not hesitate to contact Ms. Tammy Fillo or me at (972) 661-8100.

Sincerely,

TRINITY CONSULTANTS

A handwritten signature in cursive script that reads "Shauna Leicht".

Shauna Leicht
Project Supervisor

Enclosure

cc: Mr. Frank Espino, TNRCC Region 4 – Arlington
Mr. Scott Hill, City of Dallas Department of Health and Human Services
Mr. Caesar Hage, GAF Materials Corporation
Mr. Fred Bright, GAF Materials Corporation
Mr. Brian Carey, GAF Materials Corporation
Ms. Tammy Fillo, Trinity Consultants

Trinity Consultants

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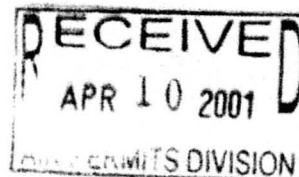
TRINITY CONSULTANTS

Shauna Leicht

Shauna Leicht
Project Supervisor

Enclosure

cc: Mr. Frank Espino, TNRCC Region 4 – Arlington
Mr. Scott Hill, City of Dallas Department of Health and Human Services
Mr. Caesar Hage, GAF Materials Corporation
Mr. Fred Bright, GAF Materials Corporation
Mr. Brian Carey, GAF Materials Corporation
Ms. Tammy Fillo, Trinity Consultants



*** ACTIVITY REPORT ***

TRANSMISSION OK

TX/RX NO. 1573
CONNECTION TEL 9 1 817 795 2941
CONNECTION ID REG 4
START TIME 03/29 16:33
USAGE TIME 00:36
PAGES 2
RESULT OK

**TNRCC**Protecting Texas
by Reducing and
Preventing Pollution

FAX TRANSMITTAL

DATE: 3/29/01 NUMBER OF PAGES (including this cover sheet):

2

TO: Name Region 4
Organization _____
FAX Number _____

FROM: TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Name Pam Taylor
Division/Region Permits Administrative Review
Telephone Number 512-239-1466
FAX Number 512-239-4500

NOTES:

47455.....rfc

*** ACTIVITY REPORT ***

TRANSMISSION OK

TX/RX NO. 1574
CONNECTION TEL 9 1 214 948 4412
CONNECTION ID CITY DALLAS
START TIME 03/29 16:34
USAGE TIME 00'35
PAGES 2
RESULT OK

**TNRCC**

Protecting Texas
by Reducing and
Preventing Pollution

FAX TRANSMITTAL

DATE: 3/29/01 NUMBER OF PAGES (including this cover sheet):2

TO: Name DAL
Organization _____
FAX Number _____

FROM: TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Name Pam Taylor
Division/Region Permits Administrative Review
Telephone Number 512-239-1466
FAX Number 512-239-4500

NOTES:

47455.....rfc

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ITEM VII. GENERAL REQUIREMENTS

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EXECUTIVE SUMMARY

GAF Materials Corporation (GAF) owns and operates an asphalt roofing materials manufacturing facility in Dallas, Texas. The existing facility is covered by Texas Natural Resource Conservation Commission (TNRCC) Permit No. R-7711A, and the TNRCC account number for this facility is DB-0378-S.

This standard permit registration is being submitted to authorize the construction of the Stabilizer Storage Baghouse B (Emission Point Number [EPN] 26B) at the Dallas facility. This baghouse is an existing source. Per TNRCC's guidance, GAF may authorize this source under 30 Texas Administrative Code (TAC) §116.617 – Standard Permits for Pollution Control Projects.¹

A TNRCC Form PI-1S and CORE Section Air Quality Permit Application Administrative Completeness Checklist (CORE Checklist) is included with this application. Additional information supporting the Form PI-1S is provided and identified by the specific Form PI-1S provision.

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¹ Guidance received from Mr. Earl Jones, TNRCC, during the TNRCC site inspection on February 6, 2001.

ADMINISTRATIVE COMPLETENESS CHECKLIST

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TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

NEW SOURCE REVIEW PROGRAM

AIR QUALITY STANDARD PERMIT APPLICATION (PI-1S)

ADMINISTRATIVE COMPLETENESS CHECKLIST

TNRCC use only

COMPANY _____	PROJ No.: _____	PROJ TYPE _____	CORE ENGR _____	RECORD No.: _____
REGION _____	COUNTY _____	Tech. Contact _____	Phone: _____	
DATE RECD by CORE: _____		Comments _____		DATE ADMIN COMP: _____
DATE RECD by TECH. ENGR: _____		Comments _____		TECH ENGR _____
				TECHNICAL SECT: _____

<----- TNRCC use only ----->

PI-1 REF	REQUIRED INFORMATION	Applicant use	DATE ADMN COMPLETE	COMPLETE	NOT SUBMITTED	COMMENTS & DISCUSSION
I.	A. CONFIDENTIAL Information ⁽¹⁾	X				[] YES [x] NO
	CONFIDENTIAL pages marked?	X				[] YES [x] NO
	B. NOV related notification	X				[] YES [x] NO
	C. Waste disposal facility	X				[] YES [x] NO
II.	A. Permittee Name, Tax ID & Addr	X				
	Technical Contact (addr, phone)	X				
	B. Owner Name, Tax ID & Address	X				
	C. Product/Business & SIC Code	X				
III.	A. §116.617	X				
	B. §116.620	X				NA
	C. §116.621	X				NA
	D. Related air permits	X				R-7711A
IV.	A. Plant/Site Name	X				
	B. Address of Facility	X				
	C. Nearest City, County and Zip	X				
	D. TNRCC Air Quality Acct. No.	X				
	A. Name of Facility	X				
	B. Facility Type	X				[x] PERMANENT [] PORTABLE
	C. Operating Schedule	X				
VI.	A. Area Map	X				
	B. Plot Plan	X				
	C. Process information	X				[x] Present Permit No. R-7711A
	Process description	X				
	Process flow diagram	X				
	D. Emissions Information	X				[x] Present Permit No. R-7711A
	Table 1(a)	X				
	E. Franchise Tax Certificate	X				[] N/A [x] Certificate good thru 05 / 15 / 2001
	F. Permit Fee Required?	X				[x] YES [] NO
VII.	Regulation VI Rules					
	116.610(a)(1) Emission Increase	X				
	116.610(a)(2) Schedule	X				
	116.610(a)(3) NSPS	X				
	116.610(a)(4) HAPs	X				
	116.610(a)(5) MACT	X				
	116.610(a)(6) Registration	X				
	116.610(b) PSD & Nonattainment	X				NEW MAJOR SOURCE/MODIFICATION? [] YES [x] NO
	116.610(c) Circumvention	X				
VIII.	Copy to TNRCC Regional Office	X				[x] YES City - Arlington
	Copy to Local Program(s)	X				[x] YES [] N/A
XI.	Application sealed by P.E?	X				[] YES [x] N/A
XII.	Authorizing Signature/Date	X				

TNRCC Use Only

Affected regulation _____
 Date postmarked _____
 Date registration received _____
 Date by which registrant must be notified of agency objections _____

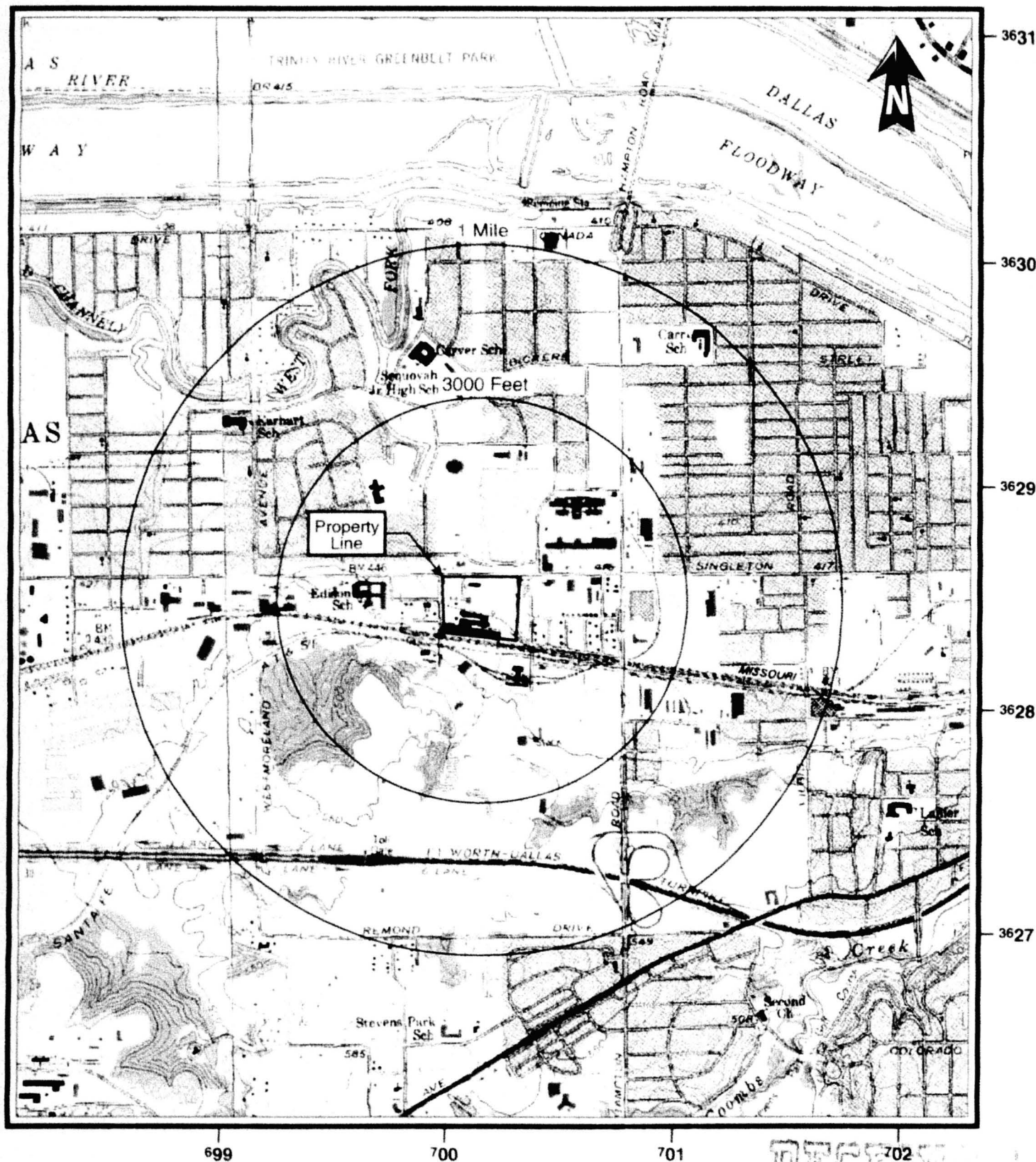
* These items will not result in the application being considered administratively deficient; however, they MUST be submitted prior to final action or approval of the application.

(1) CONFIDENTIAL information MUST be clearly marked on each page and separated from non-confidential information. The application must include a non-confidential version describing the confidential information for the public file. To be considered confidential, each page must be marked "CONFIDENTIAL" at the time of submittal.

ITEM VI.A. AREA MAP

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GAF Materials Corporation Dallas Plant Area Map



Edge markings in UTM coordinates (kilometers)

Scales

0 1000 2000 3000 4000 5000

Feet

0 500 1000 1500 2000

Meters




Irving & Dallas Quadrangles
(UTM Zone 14)

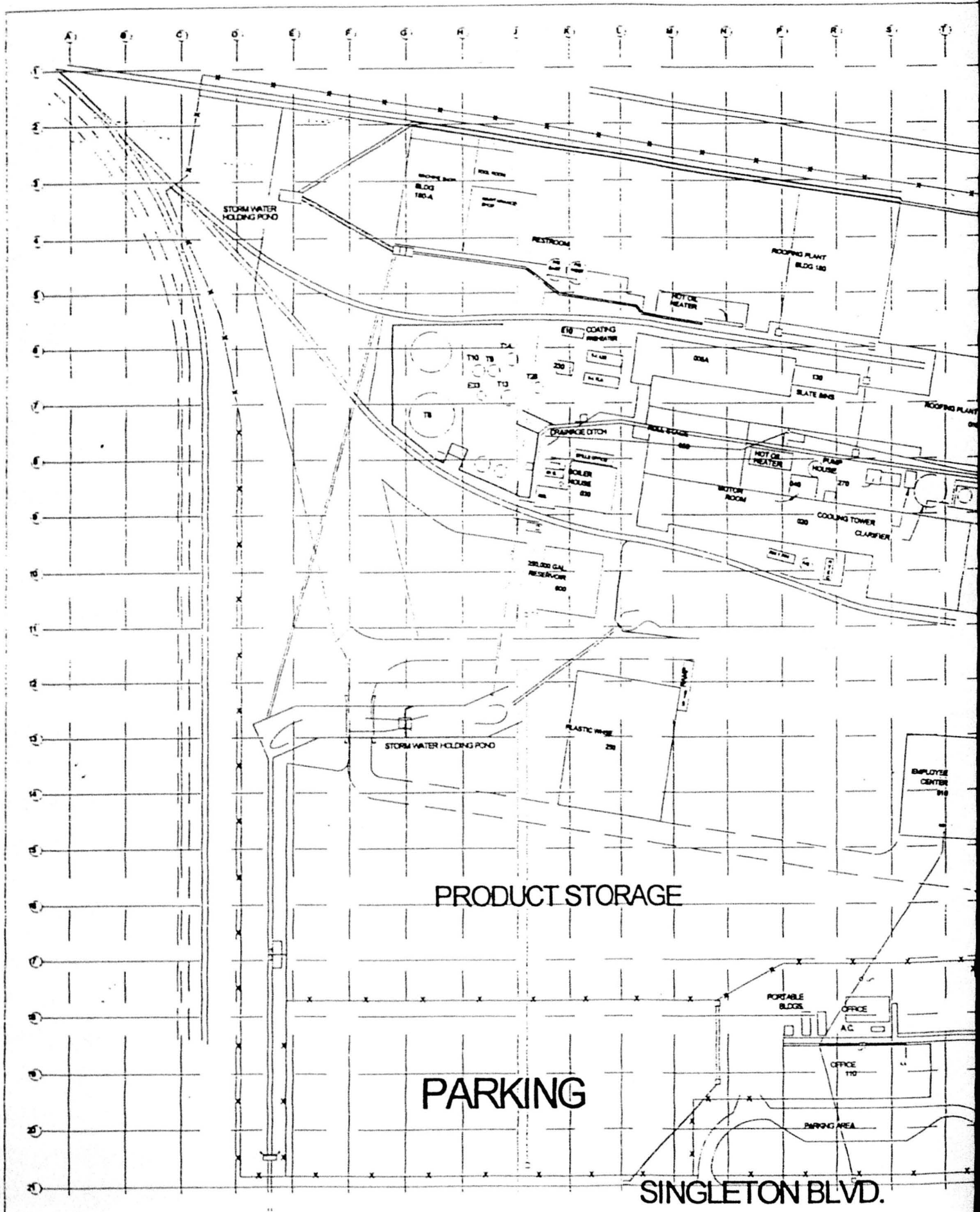
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Infinity
Consultants

ITEM VI.B. PLOT PLAN

A revised, updated plot plan will be submitted under separate cover.

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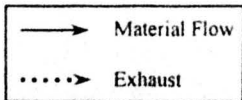
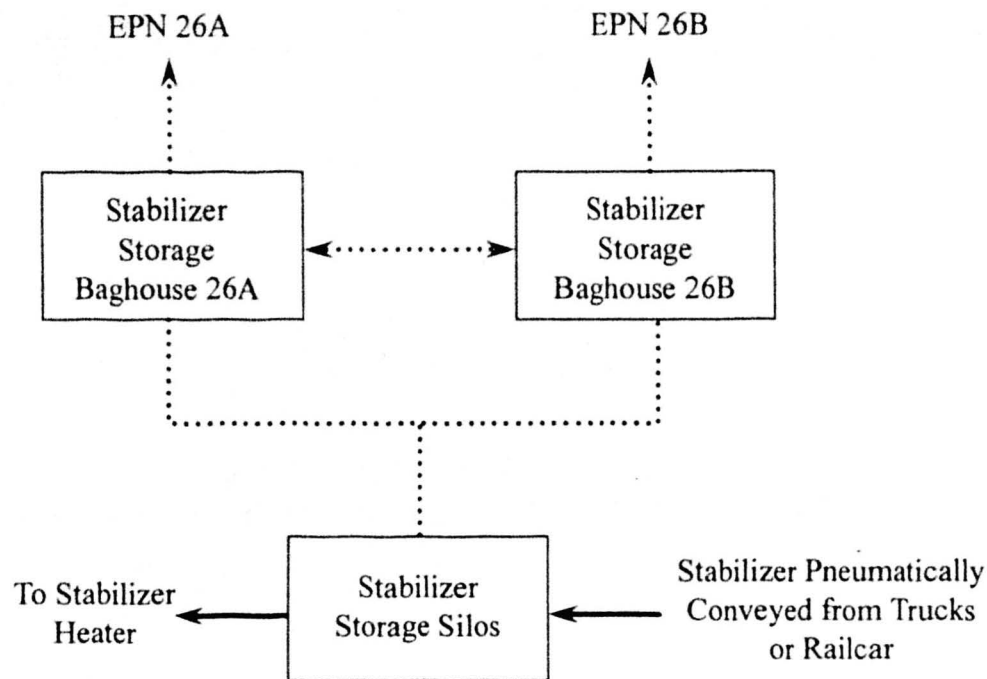
Invoice Date	Invoice No.	P.O. No.	Remittance Advice	Voucher No.	Gross Amount	Discount	Net Amount
02/09/01	2001 permit		<p>PAY TO THE ORDER OF STATE COMPTROLLER THREE 123110 \$-25</p>	81206783	450.00	0.00	450.00
<p> Vendor Number 007311</p>				<p>Check No. 15320937</p>	450.00	0.00	450.00



ITEM VI.C. PROCESS DESCRIPTION AND PROCESS FLOW DIAGRAM

Stabilizer is received in bulk by truck or railcar and is unloaded into storage silos. Air emissions from the stabilizer storage silos are vented to two baghouses (EPNs 26A and 26B) through interconnected ducting. Therefore, both dust collectors control emissions from both stabilizer storage silos.

A process flow diagram for the stabilizer storage silos and baghouses is shown on the following page.



GAF Materials Corporation	
Dallas, Texas	
Process Flow Diagram	
Stabilizer Storage Baghouses	
Trinity Consultants	March 2001 014401.0020

ITEM VI.D. EMISSIONS DATA

Emissions from the stabilizer storage silos are vented to Stabilizer Storage Baghouses A and B (EPNs 26A and 26B), which are interconnected by ducting. Emissions from Stabilizer Storage Baghouse A are covered under TNRCC Permit No. R-7711A. The measured air flow and the outlet grain loading from Stabilizer Storage Baghouse B (EPN 26B) is 3,400 actual cubic feet per minute (acfm) and 0.015 grains per standard cubic foot (grain/scf), respectively. In order to account for a deviation in flow rate measurement, a safety factor of 20 percent is added the measured flow rate of Stabilizer Storage Baghouse B.² The actual exit temperature of this baghouse is equal to 76°F (536°R). Since the standard temperature is defined by TNRCC as 68°F (528°R), the particulate matter or particulate matter of 10 microns or less (PM/PM₁₀) emissions for Stabilizer Storage Baghouse B are determined by the following calculation.

$$\begin{aligned}\text{PM/PM}_{10} \text{ Emissions} &= (0.015 \text{ grain/scf}) \times (3,400 \text{ acfm}) \times \left(\frac{528^\circ \text{R}}{536^\circ \text{R}} \right) \times \left(\frac{1 \text{ lb}}{7,000 \text{ grain}} \right) \times \left(\frac{60 \text{ min}}{1 \text{ hr}} \right) = 0.43 \text{ lb/hr} \approx 0.29 \\ &= (0.43 \text{ lb/hr}) \times (8,760 \text{ hr/yr}) \times (1 \text{ ton}/2,000 \text{ lb}) \\ &= 1.9 \text{ tpy} \approx\end{aligned}$$

$$\begin{aligned}0.015 \times 3400 \times \frac{528}{536} \times \frac{60}{7000} &= 0.29 \\ &= 1.26 \text{ tpy}\end{aligned}$$

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² Manufacturer data is not available for Stabilizer Storage Baghouse B (EPN 26B). Thus, the exit flow rate was determined by measurements at the stack exit.

ITEM VI.D. EMISSIONS FORMS

TABLE 1(a)

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ITEM VI.E. CERTIFICATE OF EXISTENCE

ITEM VI.F. PERMIT FEE

In accordance with TNRCC 30 TAC Chapter 116.614, a standard permit fee of \$450 is included with this Standard Permit Application.

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